



PTO/SB/08B (08-03)

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**Amended or Restated
Article for form 1449/PTO**

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Application Number 10/719,172

Filing Date:

Print Date:	November 20, 2018
First Named Inventor:	

First named inventors. Murray S. Toas

Art Crit not yet assigned

Examiner Name **not yet assigned**

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	GT P.A	Date Considered	7/18/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO		<i>Complete if Known</i>	
		Application Number	not yet assigned 101719,172
		Filing Date	herewith
		First Named Inventor	Murray S. Toas
		Art Unit	not yet assigned
		Examiner Name	not yet assigned
		Attorney Docket Number	D0932-00382

ATP 7/18/05

Sheet 1 of 11

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ATP	—	US- 2001/0033782 A1	10-25-2001	Conley	
	—	US- 2001/0033926 A1	10-25-2001	Matthews et al.	
	—	US- 2002/0127399 A1	09-12-2002	Mankell et al.	
	—	US- 2002/0146521 A1	10-10-2002	Toas et al.	
	—	US- 2003/0008092 A1	01-09-2003	Toas et al.	
	—	US- 2003/0068943 A1	04-10-2003	Fay	
	—	US- 2,341,130	02-08-1944	T.A. Unsworth	
	—	US- 2,467,291	04-12-1949	J.O. Brelsford et al.	
	—	US- 2,619,151	11-25-1952	H.O. Sheidley	
	—	US- 2,647,857	08-04-1953	W.A. Horne	
	—	US- 2,825,389	03-04-1958	J.F. Stephens	
	—	US- 3,002,857	10-03-1961	Stalego	
	—	US- 3,025,197	03-13-1962	H.O. Sheidley	
	—	US- 3,092,529	06-04-1963	A. J. Pearson	
	—	US- 3,093,037	06-11-1963	H. D. Ward, Jr.	
	—	US- 3,212,529	10-19-1965	W.L. Ullman et al.	
	—	US- 3,394,737	07-30-1968	B. G. Hoffmann et al.	
	—	US- 3,420,142	01-07-1969	L. R. Gale et al.	
ATP	—	US- 3,549,473	12-22-1970	Le Blanc et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
ATP	—	EP 0763690 A2	03-19-1997	—	—
ATP	—	ES 9402661	12-20-1994	—	—
ATP	—	FR 1137652	06-03-1957	Owens Coming Fiber...	—

Examiner Signature	973	Date Considered	7/18/05
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Substitute for form 1449/PTO

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Sheet 2 of 11

Complete if Known

Application Number	not yet assigned 10/719,172
Filing Date	herewith
First Named Inventor	Murray S. Toas
Art Unit	not yet assigned
Examiner Name	not yet assigned
Attorney Docket Number	00932-00382

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U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
A-P	-	US- 3,557,840	01-26-1971	Maybee	
	-	US- 3,605,534	09-20-1971	W. H. Barr	
	-	US- 3,615,969	10-26-1971	Hegg	
	-	US- 3,642,554	02-15-1972	Hensley	
	-	US- 3,768,523	10-30-1973	Schroeder	
	-	US- 3,861,425	01-21-1975	Clark	
	-	US- 3,867,221	02-18-1975	Chant	
	-	US- 3,885,593	05-27-1975	Koerber et al.	
	-	US- 3,915,783	10-28-1975	Goppel et al.	
	-	US- 4,005,234	01-25-1977	Stroupe	
	-	US- 4,067,678	01-10-1978	Beranek, Jr. et al.	
	-	US- 4,101,700	07-18-1978	Ray, Jr. et al.	
	-	US- 4,175,159	11-20-1979	Raleigh	
	-	US- 4,183,379	01-15-1980	Marquette et al.	
	-	US- 4,196,755	04-18-1980	Kutnyak et al.	
	-	US- 4,243,075	01-06-1981	McPherson et al.	
	-	US- 4,304,267	12-08-1981	Campbell, Jr.	
	-	US- 4,310,585	01-12-1982	Shannon	
A-P	-	US- 4,389,587	01-26-1984	Takeda et al.	

FOREIGN PATENT DOCUMENTS

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		Filing Date	herewith
		First Named Inventor	Murray S. Toas
		Art Unit	not yet assigned
		Examiner Name	not yet assigned
		Attorney Docket Number	D0932-00382

Sheet 3 of 11

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U. S. PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ² (if known)		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AJP	-	US- 4,456,637	06-26-1984	Takeda et al.
	-	US- 4,528,053	07-09-1985	Auer
	-	US- 4,573,715	03-04-1986	Ambruster
	-	US- 4,621,013	11-04-1986	Holtrop et al.
	-	US- 4,680,070	07-14-1987	Hughes
	-	US- 4,709,523	12-01-1987	Broderick et al.
	-	US- 4,839,222	06-13-1989	Jain
	-	US- 4,887,663	12-19-1989	Auxier et al.
	-	US- 4,895,745	03-20-1990	Vesley et al.
	-	US- 4,909,282	03-20-1990	Staugaard
	-	US- 4,968,556	11-06-1990	Jain
	-	US- 4,983,081	01-08-1991	Cunningham, Jr.
	-	US- 4,990,370	02-05-1991	Terry et al.
	-	US- 5,020,481	06-04-1991	Nelson
	-	US- 5,025,052	06-18-1991	Crater et al.
	-	US- 5,144,795	09-08-1992	Field
	-	US- 5,169,700	12-18-1992	Meier et al.
	-	US- 5,186,704	02-16-1993	Cunningham, Jr.
AJP	-	US- 5,300,592	04-05-1994	Kanagawa et al.

FOREIGN PATENT DOCUMENTS

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		Filing Date	herewith
		First Named Inventor	Murray S. Toas
		Art Unit	not yet assigned
		Examiner Name	not yet assigned
		Attorney Docket Number	D0932-00382
Sheet	4	of	11

Sheet 4 of 11

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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		Number-Kind Code ^{2 // known}			
ATP	—	US- 5,310,594	05-10-1994	Holland et al.	
	—	US- 5,314,719	05-24-1994	Batdorf et al.	
	—	US- 5,370,919	12-06-1994	Fieuws et al.	
	—	US- 5,379,806	01-10-1995	Matthews et al.	
	—	US- 5,385,610	01-31-1995	Deerer et al.	
	—	US- 5,421,938	06-06-1995	Cunningham, Jr.	
	—	US- 5,460,206	10-24-1995	Sansoucy	
	—	US- 5,487,412	01-30-1996	Matthews et al.	
	—	US- 5,528,904	06-25-1996	Jones et al.	
	—	US- 5,534,298	07-09-1996	Cross et al.	
	—	US- 5,567,504	10-22-1996	Schakel et al.	
	—	US- 5,578,258	11-26-1996	Grant et al.	
	—	US- 5,625,999	05-06-1997	Buzza et al.	
	—	US- 5,750,225	05-12-1998	Petty	
	—	US- 5,762,109	06-09-1998	Matthews et al.	
	—	US- 5,765,586	06-16-1998	Facas et al.	
	—	US- 5,783,268	07-21-1998	Noonan et al.	
	—	US- 5,783,623	07-21-1998	Skoufis et al.	
ATP	—	US- 5,836,357	11-17-1998	Kittson et al.	

FOREIGN PATENT DOCUMENTS

EXAMINER'S SIGNATURE *[Signature]* **Considered** *[Initials]*
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 5 of 11

Application Number	not yet assigned 101719,172
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First Named Inventor	Murray S. Toas
Art Unit	not yet assigned
Examiner Name	not yet assigned
Attorney Docket Number	D0932-00382

U. S. PATENT DOCUMENTS				
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ATP	—	Number-Kind Code ² (if known) US- 5,953,818	09-21-1999	Matthews et al.
	—	US- 5,958,137	09-28-1999	Caldwell et al.
	—	US- 5,985,429	11-16-1999	Plummer et al.
	—	US- 6,000,437	12-14-1999	Ponder et al.
	—	US- 6,148,867	11-21-2000	Matthews et al.
	—	US- 6,207,245 B1	03-27-2001	Miller et al.
	—	US- 6,213,522 B1	04-10-2001	Jacobson et al.
	—	US- 6,231,927 B1	05-15-2001	Ruid
	—	US- 6,270,865 B1	08-07-2001	Noonan et al.
	—	US- 6,331,350 B1	10-01-2002	Matthews et al.
ATP	—	US- 6,457,237 B1	10-01-2002	Matthews et al.
	—	US-		

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		Art Unit	not yet assigned
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Sheet 6	of 11	Attorney Docket Number	D0932-00382

ATP
7/18/05

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
ATP	—	North American Insulation Manufacturers Association, "Fibrous Glass Commercial Insulation Boards", Insulation Facts #67, www.naima.org (no date)	—	ATP 7/18/05
	—	North American Insulation Manufacturers Association, "Fibrous Glass Duct Wrap", Insulation Facts #66, www.naima.org. (no date)	—	ATP 7/18/05
	—	CertainTeed Corporation, CertainTeed Building Solutions, "Product Information," CertainTeed Duct Insulation. (no date)	—	ATP 7/18/05
	—	CertainTeed Corporation, "List Prices - ToughGard™ Duct Board", October 1, 1994, Valley Forge, Pennsylvania, USA	—	
	—	CertainTeed Corporation, "Product Specification: PS 57.00", May 23, 1994.	—	
	—	CertainTeed Corporation, "Product Sheet - ToughGard™ Duct Board Fiber Glass Duct Board Systems", 1994, Valley Forge, Pennsylvania, USA. (no month)	—	ATP 7/18/05
	—	CertainTeed Corporation, "Raw Material Specification: Certa*Faced Ultra*Duct Mat Facing", June 23, 1994.	—	
	—	CertainTeed Corporation, "Specification Sheet - ToughGard™ Duct Board with Enhanced Surface", January 2002.	—	
	—	CertainTeed Corporation, "Specification Sheet - ToughGard™ Duct Liner with Enhanced Surface", 2001 (no month)	—	ATP 7/18/05
ATP	—	CertainTeed Corporation, Spec. Sheet, - ToughGard™ Duct Board, 2 pages, February 2002	—	

Examiner Signature	ATP	Date Considered	7/18/05
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Sheet	7	of	11
		Attorney Docket Number	D0932-00382

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ATP	—	CertainTeed Corporation, "Specification Sheet - Ultra*Duct™ Gold", March 2002.	—
	—	CETIAT "Test Report" July 24, 1991, 6 pages (including translation attached)	✓
	—	Climaver® 234 (no date)	—
	—	Climaver® 254 (no date)	—
	—	Climaver® 264 (no date)	—
	—	Climaver 284-234 "Construction and self-support air conditioning ducts", 18 pages (including translation attached) (no date)	✓
	—	Climaver Plata - Specification of a Product - relevance on first page density 70 kg/m ³ (no translation attached) (no date)	—
	—	Elasti-Glass® R3100B Series - Glass Fiber Mats, Schuller, 2 pages, May 1997	—
↓	—	France-Air, "Glass Fibre panels for air ducts" 21 pages (including translation attached) (no date)	—
ATP	—	French Republic, National Testing Laboratory, November 28, 1998, 18 pages (including translation attached)	✓

Examiner Signature	9-13	Date Considered	7/18/05
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 8 of 11 Attorney Docket Number D0932-00382

Complete if Known

AIP
7/18/05

Application Number	not yet assigned 10/719,172
Filing Date	herewith
First Named Inventor	Murray S. Toas
Art Unit	not yet assigned
Examiner Name	not yet assigned

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AIP	—	Glasuld "Product Data-Industrial Sheet Black" Sheet: 172 page 1, November 1989, 1 page (14 pages, including translation of parts of the Danish ventilation attached)	✓
	—	Glasuld "Ventilations-Kanaler" (no date)	—
	—	Isover "Gama Climaver" (no date)	—
	—	Isover Gullfiber - translation of the relevant parts of the Swedish Product Catalogue for Technical Insulation March 1989	✓
	—	Isover "Price List" January 1991, 51 pages (including translation attached)	✓
	—	Isover Saint-Gobain "Roche & Verre-Insulation and Air Conditioning, March 1990, 8 pages (including translation attached)	✓
	—	Johns-Manville, "Air Handling Systems - Linacoustic RC™ Fiber Glass Duct Liner with Reinforced Coating System," (preliminary product information), AHS-329 February 2002	—
	—	Johns-Mansville, "Air Handling Systems - SuperDuct™ Coated High Performance Air Duct Board, Type 475 & 800, AHS 200 June 2000	—
	—	Johns-Mansville Fiber Glass, "Micro-Aire Duct Systems Fabrication Manual", USA	—
AIP	—	Johns-Manville Manufacturing, "Finished Product Specification - Micro-Aire Duct Board Standard Duty Heavy Duty Spec No. 4365-15", 1971 - 1973, USA (no month)	—

AIP 7/18/05

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AIP 7/18/05

Examiner Signature	973	Date Considered	7/18/05
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Substitute for form 1449/PTO		Application Number	not yet assigned 10/719,172
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	herewith
(Use as many sheets as necessary)		First Named Inventor	Murray S. Toas
		Art Unit	not yet assigned
		Examiner Name	not yet assigned
Sheet	9	of	11
		Attorney Docket Number	D0932-00382

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AJD	—	Johns-Mansville Manufacturing, "Product Specification - Micro-Aire Duct Board Standard Duty Heavy Duty Spec No. 4365-20", 1971 - 1973, USA (no month)	—
	—	Knauf Air Duct Bd., Form No. AH-SS-2 - Effective: 1/98, 2	—
	—	Knauf Fiber Glass GmbH, "Submittal Sheet – Air Duct Board-M with Hydroshield Technology", October 2000, USA	—
	—	Knauf Fiber Glass Insulation - Products, 7 pages, Feb. 2002	—
	—	Aircon, "Ventilation, Extraction and Air Conditioning – Installation Materials", November 1991.	✓
	—	North American Insulation Manufacturers Association, "Fibrous Glass Duct Construction Standards", 2nd Edition, 1993. (no month)	—
	—	CertainTeed Corporation, "Certa*Faced Ultra*Duct Marketing Plan", November 22, 1993	✓
	—	Owens Corning, "Submittal Sheet - Aeromat Duct Liner", May 2001, USA	—
	—	Owens Corning, "Submittal Sheet - EnDura Coat Duct Board", May 2001, USA	—
AJD	—	"Precision Coating Rods and Laboratory Products," Industry Tech, Oldsmar, FL (no date)	—

Examiner Signature	QZB	Date Considered	7/18/05
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		Application Number	not yet assigned 101719,172
		Filing Date	herewith
		First Named Inventor	Murray S. Toas
		Art Unit	not yet assigned
		Examiner Name	not yet assigned
Sheet	10	of	11
		Attorney Docket Number	D0932-00382

ATP 7/18/05

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 10 of 11

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
A-P	—	Roelaine Isover, "Recommended Prices January 1993," Cristaleria Espanola S.A., Insulation Division, January 1993, 3 pages (translation attached)	✓
	—	"Smooth Stainless Steel Rods, etc.", RD Specialties, Webster, NY (no date)	—
	—	Testing Data from the Competitive Audit on March 25, 1999, 3 pages	—
	—	Ultra Additives Catalog, DEE FO/AGITAN defoamers, reprinted 01/21/2003 from http://www.ultraadditives.com	—
	—	Underwriters Laboratories Inc., "Report on Air Ducts", June 8, 1992, Northbrook, Illinois, USA	—
	—	Underwriters Laboratories Inc., "Gas and Oil Equipment 1993" (no month)	—
	—	Underwriters Laboratories Inc., "Gas and Oil Equipment 1994" (no month)	—
	—	Underwriters Laboratories Inc., "Gas and Oil Equipment 1995" (no month)	—
	—	Underwriters Laboratories Inc., "Investigation of 'Climaver 284' Air Duct Board", December 19, 1991, Northbrook, Illinois, USA	—
A-P	—	WEISS, HERBERT L., "Coating and Laminating, Converting Tech. Co., Milwaukee, WI, pp. 7-9, 196-202, 1977 (no month)	—

ATP 7/18/05

ATO 9/18/05

ACO-71,8105

MP 7/18/25

ATP 7/8/05

Examiner
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97B

Date
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7/18/05

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Complaint Known			
<p>Application Number</p>		not yet assigned 10/719,172	
<p>Filing Date</p>		herewith	
<p>First Named Inventor</p>		Murray S. Toas	
<p>Art Unit</p>		not yet assigned	
<p>Examiner Name</p>		not yet assigned	
<p>Attorney Docket Number</p>		D0932-00382	
Sheet	11	of	11

ARP 8/12/25

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 11

Application Number	not yet assigned 10/719,172
Filing Date	herewith
First Named Inventor	Murray S. Toas
Art Unit	not yet assigned
Examiner Name	not yet assigned

NON PATENT LITERATURE DOCUMENTS

Examiner
Signature

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Date
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/719,172
				Filing Date	November 20, 2003
				First Named Inventor	Murray S. Toas
				Art Unit	1771
				Examiner Name	NOT YET ASSIGNED
Sheet	1	of	7	Attorney Docket Number	D0932-00382 [I-8765]

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A7P	AA	2003/0032351 A1	02-13-2003	Horner, Jr. et al.	
	AB	2003/0056229 A1	03-20-2003	Crabtree et al.	
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	AM	2,938,737	05-31-1960	F.W. Walker et al.	
	AN	3,113,788	12-10-1963	Johnston	
	AO	3,242,527	03-29-1966	D.J. Rosenberg	
	AP	3,265,530	08-09-1966	Marzocchi et al.	
	AQ	3,396,070	08-06-1968	U.T. Gambill et al.	
	AR	3,492,771	02-03-1970	I.P. Jones et al.	
	AS	3,507,730	04-21-1970	U.T. Gambill et al.	
	AT	3,616,181	10-26-1971	Stalego	
	AU	3,642,560	02-15-1972	Marsh, Jr. et al.	
	AV	3,942,774	03-09-1976	Sokolow	
↓	AW	3,945,962	03-23-1976	Clark	
A7P	AX	3,980,511	09-14-1976	Proucelle	

Examiner Signature	373	Date Considered	7/18/05
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Substitute for form 1449A/PTO				Application Number	10/719,172
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	November 20, 2003
(Use as many sheets as necessary)				First Named Inventor	Murray S. Toas
				Art Unit	1771
				Examiner Name	NOT YET ASSIGNED
Sheet	2	of	7	Attorney Docket Number	D0932-00382 [I-8765]

AY	AY	3,996,824	12-14-1976	Cailey	
	AZ	4,002,367	01-11-1977	Thomas	
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	BM	5,612,405	03-18-1997	Bainbridge et al.	
	BN	5,624,471	04-29-1997	Gaeta et al.	
	BO	5,712,012	01-27-1998	Forman et al.	
	BP	5,776,841	07-07-1998	Bondoc et al.	
	BQ	6,451,432 B1	09-17-2002	Azzopardi et al.	
	BR	6,555,951 B2	04-29-2003	Jeoung	
ATP	BS	6,769,455	08-03-2004	Toas et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code - Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T
ATP	BT	WO 99/00338	01-07-1999	Elk Corporation		

Examiner Signature	97B	Date Considered	7/18/05
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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/719,172
Sheet	3	of	7	Filing Date	November 20, 2003
				First Named Inventor	Murray S. Toas
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				Examiner Name	NOT YET ASSIGNED
				Attorney Docket Number	D0932-00382 (I-8765)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
A7P	BU	CertainTeed - CertaPro™ (FiberGlass Insulation), Commercial Insulation, ©2003 CertainTeed Corporation (no month)	AT P 7/18/05
	BV	CertainTeed – Product - Certapro™ Commercial Board, http://www.certainteed.com/pro/insulation/html/Commercial/ins_com_combrd.htm , 08/21/2003	—
	BW	CertainTeed – Commercial Board Insulation, http://www.allinterior.com/showrooms/certainteed/scenery/commercialboardinsulation.htm , visited 08/21/2003	—
	BX	CertainTeed, Product Index "Commercial Insulation," http://www.certainteed.com/CertainTeed/Undefined/Insulation/Prodindex/Commercial , 05/25/2004	—
	BY	CertainTeed, "Product Index" Mechanical/HVAC Insulation, http://www.certainteed.com/CertainTeed/Undefined/Insulation/Prodindex/Mechanical , 06/21/2004	—
	BZ	CertainTeed, "Product Index" Residential Insulation, http://www.certainteed.com/CertainTeed/Undefined/Insulation/Prodindex/Residential , 05/25/2004	—
	CA	CertainTeed, "CertainTeed Product Information," CertainTeed Building Solutions, not later than 12/30/2002	—
	CB	CertainTeed, "Product Sheet – ToughGard™ Duct Board with Enhanced Surface, http://www.certainteed.com/pro/insulation/html/AHprod/ins_mech_tg_db.html , 07/31/2003	—
	CC	CertainTeed Specification Sheet – Acousta Blanket™ Black Insulation, May 2003	—
	CD	CertainTeed Specification Sheet – AcoustaBoard™ Black Insulation, May 2003	—
↓	CE	CertainTeed Specification Sheet - CertaPro™ AcoustaBoard™ Black, October 2002	—
A7P	CF	CertainTeed Specification Sheet - CertaPro™ AcoustaBlanket Black™, October 2002	—

Examiner Signature	S7P	Date Considered	7/18/05
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/719,172
Sheet	4	Filing Date	November 20, 2003
	of 7	First Named Inventor	Murray S. Toas
		Art Unit	1771
		Examiner Name	NOT YET ASSIGNED
		Attorney Docket Number	D0932-00382 (I-8765)

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ATP	CG	CertainTeed Specification Sheet - CertaPro™ AcousaTherm™ Batts, May 2001		—
	CH	CertainTeed Specification Sheet - CertaPro™ Commercial Board, 5/01		—
	CI	CertainTeed Specification Sheet - CertaPro™ Partition Batts, June 2002		—
	CJ	CertainTeed Specification Sheet - CertaPro™ Thermal Extended Flange Batts, October 2002		—
	CK	CertainTeed Specification Sheet - CertaPro™ Thermal Foil Faced Batts, October 2003		—
	CL	CertainTeed Specification Sheet - CertaPro™ Thermal FSK-25 Faced Batts, June 2003		—
	CM	CertainTeed Specification Sheet - CertaPro™ Thermal Kraft Faced Batts, October 2002		—
	CN	CertainTeed Specification Sheet - Basement Wall and Masonry Wall Fiber Glass Building Insulation, April 2004		—
	CO	CertainTeed Specification Sheet - Commercial Blanket Insulation, April 2000		—
	CP	CertainTeed Specification Sheet CrimpWrap™ Crimped Pipe and Tank Wrap, December 2002		—
	CQ	CertainTeed Specification Sheet, EZR™ Fiber Glass Building Insulation, January 2004		—
	CR	CertainTeed Specification Sheet, Fiber Glass Building Insulation, April 2004		—
	CS	CertainTeed Specification Sheet, FlameChek™ Duct Insulation, April 2002		—
↓	CT	CertainTeed Specification Sheet, FlameChek™ Plenum Insulation, November 2002		—
ATP	CU	CertainTeed Specification Sheet, FlameChek™ Plus 2 Duct Insulation (Single Layer System), April 2002		✓

Examiner Signature	<i>ATP</i>	Date Considered	7/18/05
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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/719,172
Sheet	5	of	7	Filing Date	November 20, 2003
				First Named Inventor	Murray S. Toas
				Art Unit	1771
				Examiner Name	NOT YET ASSIGNED
				Attorney Docket Number	D0932-00382 (I-8765)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
ATP	CV	CertainTeed Specification Sheet - Metal Building Insulation 202-96, June 2003	—
	CW	CertainTeed Specification Sheet - OEM Acoustical Board Insulation, March 2002	—
	CX	CertainTeed Specification Sheet - Preformed Pipe Insulation, August 2003	—
	CY	CertainTeed Specification Sheet, Soft Touch™ Duct Wrap Insulation, August 2003	—
	CZ	CertainTeed Specification Sheet - Sound Attenuation Batts Acoustical Ceiling Batts NoiseReducer™ Batts, November 2003	—
	DA	CertainTeed Specification Sheet - SpeedyR™ Tabless Batts, September 2003	—
	DB	CertainTeed, "Specification Sheet - ToughGard™ Duct Board", April 2002	—
	DC	CertainTeed, "Specification Sheet - ToughGard™ R Duct Liner with Enhanced Surface, April 2004	—
	DD	CertainTeed, "Specification Sheet - ToughGard Rigid Liner Board with Enhanced Surface, March 2002	—
	DE	CertainTeed Corporation, "Specification Sheet - Ultra*Duct™ Duct Board, April 2001 or March 2002	—
	DF	CertainTeed Corporation, "Specification Sheet - Ultra*Duct™ Gold", August 2003	—
	DG	CertainTeed Specification Sheet - Ultralite® Duct Liner, April 2003	—
	DH	CertainTeed Specification Sheet - Universal Blanket, August 2003	—
↓	DI	CertainTeed ToughGard™ Duct Board, http://www.certainteed.com/cinsulate/cict00801p.html , 09/04/2003	—
ATP	DJ	CertainTeed, "ToughGard™ Duct Board Fiber Glass Duct Board Systems, (no date)	—

ATP-7/18/05

Examiner Signature	978	Date Considered	7/18/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/719,172
Sheet	6	of	7	Filing Date	November 20, 2003
				First Named Inventor	Murray S. Toas
				Art Unit	1771
				Examiner Name	NOT YET ASSIGNED
				Attorney Docket Number	D0932-00382 (I-8765)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
ATP	DK	Fiber-Glass Duct Systems, http://www.tpub.com/steelworker2/27.htm , 08/14/2003	—
	DL	IBACOS, Fibrous Glass Duct Board White Paper, 2003 (no month)	—
	DM	Isover Gullfiber - translation of the relevant parts of the Danish ventilation duct product "Industriplad Sort" and the corresponding Ventilation Duct Application brochure (no date)	X
	DN	Isover Roclare, "Recommended Prices January 1990," Cristaleria Espanola S.A., Insulation Division, January 1993, 3 pages (translation attached)	—
	DO	Isover Roclare, "Recommended Prices January 1991," Cristaleria Espanola S.A., Insulation Division, January 1993, 3 pages (translation attached)	—
	DP	Johns-Manville, "Super Duct™" Air Duct Board Fabrication Instructions, AHS-204, February 1998	—
	DQ	Johns Manville, Fiber Glass Mat (Acrylic Binder), Material Safety Data, Sheet ID: 1014, Section 1 – Chemical Product and Company Identification pp 1-6, 10/21/2002	—
	DR	Johns-Manville Manufacturing, "Finished Product Specification – Mat Faced Mat Board Spec No. 4365-15.6", 1971 – 1973, USA (no month)	—
	DS	Johns Manville, Glass Fiber Mats, Elasti-Glass® 3200B Series, 1 p., 10/30/02	—
	DT	Knauf, Air Duct Board-M with Hydroshield™ Technology, Submittal Sheet, Form No. AH-SS-6, 10/2000	—
	DU	Knauf Fiber Glass Insulation – Products, www.knauffiberglass.com/index.cfm?fuseaction=prd.dspProdDetail&ID=12 , pp 1-7, visited 8/25/2003	—
↓	DV	Knauf Fiber Glass Insulation – Products, Knauf Air Duct Board-M www.Knauffiberglass.com/index.cfm?fuseaction=prd.dspProdDetail&ID=14 , pp 1-7, visited 1/8/2003	—
ATP	DW	Lydall, 23# Manniglas® 1803 WHB, Development Grade-Lot F2956, Data Sheet, 1 page, 11/20/2002	✓

Examiner Signature	9/18/03	Date Considered	7/18/05
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				First Named Inventor	Murray S. Toas
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A- <i>P</i>	DX	Lydall, 27# Manniglas® 1807, Development Grade-Lab Handsheets, Data Sheet, 1 page, 1/8/04		T ²
	DY	Lydall, 40# Manniglas® 1786 Black, Development Grade-Lot F2933, Data Sheet, 1 page, 11/2002		—
	DZ	Lydall, 40# Manniglas® 1886 Black, Data Sheet, 1 page, 8/2002		—
	EA	Lydall, 40# Manniglas® 1886 BX Black, Developmental Lot F2434, Data Sheet, 1 page, 12/2001		—
	EB	Mid-rise and High-rise Exterior Building Envelope Board, Current System – Massachusetts "specifications" (no date)		—
	EC	North American Insulation Manufacturers Association, "Fabrication Dimensions for 2" (R-8.7) Fibrous Glass Duct Board, Pub. No. AH-136, August 2002		—
	ED	North American Insulation Manufacturers Association, "Facts About Using Sealants in Fiber Glass Air Handling Systems", Insulation Facts #36, Pub. No. AH 125, September 2000		—
	EE	North American Insulation Manufacturers Association, "Fibrous Glass Duct System", Insulation Facts #64, Pub. No. AH 137, January 2003		—
	EF	RD Specialties, "Smooth Stainless Steel Rods, etc.", Webster, NY (no date)		—
	EG	ROXUL® - The Better Insulation™ - RHT™605 Commercial Board - Design No. W605, RHT Industrial Board, http://199.202.236.133/canada/product_details.asp?id=82 , visited 08/21/2003		—
✓	EH	ROXUL® - The Better Insulation™ - Technical Product Information, Board Insulation 15080 RHT™605, ROXUL, INC., 06/01/2002		—
A- <i>P</i>	EI	ROXUL® - The Better Insulation™ - Technical Product Information, Board Insulation 15080, RHT™606, ROXUL, INC., 06/01/2002		—

A-*P* 7/18/05A-*P* 7/18/05A-*P* 7/18/05

Examiner Signature	<i>g-<i>P</i></i>	Date Considered	7/18/05
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